About the Program

The Technical Certificate (T.C.) in GIS (Geographic Information System) Technician will provide the essential skills and knowledge needed to obtain entry-level jobs as a draftsman and architectural assistant. This certificate will also increase job skills for other engineering technology degrees.

This program requires a **minimum of 21 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is not eligible** for financial aid.

Program Requirements

Students must fulfill all requirements outlined in the college catalog.

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include technical certificate graduation requirements.

Students in this certificate program **are not required** to complete math courses unless they are listed as part of the certificate program. This certificate articulates directly into the Architectural Design and Construction Technology (2202) (A.S.) degree, which includes an **Algebra Through Calculus math pathway.** This pathway is intended for students whose academic program requires a foundation of algebra, followed by a sequence of courses that may lead to calculus.

Additional Information

⇒ **Program Information,** including advisor contact details: https://www.fscj.edu/6203.

⇒ **Technical Certificate Information,** including graduation requirements: https://catalog.fscj.edu/academics/degree-certificate-programs/technical-certificates.

⇒ **Program Requirements:** https://catalog.fscj.edu/programs/6203.

⇒ **Math Pathways Information:** https://catalog.fscj.edu/academics/math-pathways.

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic plan. Some courses are offered only once per year; advising is critical for course progression.

Term 1

Course	Credits
CGS 1100C - Microcomputer Applications for Business and Economics	3
ETD 1100C - Engineering Drawing	3

Term 2

Course	Credits
CGS 2542 - Database Concepts for Microcomputers	3
GEO 2420 - Cultural Geography	3

Term 3

Course	Credits
GIS 2040 - Fundamentals of Geographic Information Systems	3

Term 4

Course	Credits
GIS 2045 - Intermediate Geographic Information Systems	3

Term 5

Course	Credits
GIS 2046 - Advanced Geographic Information Systems	3